



Docket No.: 1546.1007

Cl 17
11/10/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Ji-Won YOON, et al.

Serial No. 09/995,829

Group Art Unit: 1648

Confirmation No. 9726

Filed: November 29, 2001

Examiner: Myron G. Hill

For: RECOMBINANT VACCINIA INCORPORATED WITH GENE CODING GLUTAMIC ACID
DECARBOXYLASE AND VACCINE FOR PREVENTING TYPE 1 DIABETES MELLITUS
COMPRISING THE SAME

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PRELIMINARY AMENDMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Before re-examination of the above-identified application, please enter the following amendment.

IN THE CLAIMS

Please add new claims 12-14, as follows:

12. (NEW) A method for preventing or delaying the type 1 diabetes mellitus comprising:
administering a vaccine comprising a recombinant vaccinia virus incorporated with a
gene for coding glutamic acid decarboxylase.

13. (NEW) The method of claim 12 wherein an effective amount of the vaccine is in the
range of $1 \times 10^3 \sim 1 \times 10^{11}$ PFU.

14. (NEW) The method of claim 12 wherein administering the vaccine to a subject takes
place when the subject is one to four weeks of age.

AMENDMENT

This Preliminary Amendment is submitted to improve the form of the claims as originally-filed.

It is respectfully requested that this Preliminary Amendment be entered in the above-referenced application.

If there are any additional fees associated with filing of this Preliminary Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 6/2/03

By: [Signature]
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CERTIFICATE UNDER 37 CFR 1.8(e)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

on June 2, 2003, to STAAS & HALSEY

By: [Signature]

Date: June 2, 2003 (MONDAY)